

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	978	204/412.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:11
S5	925	204/409-411.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:12
S6	526	204/431.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:16
S3	1952	204/424-429.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 09:30
S8	92	Mizutani-Keigo.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 09:47
S7	10	Katafuchi-Toru.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 09:47

## EAST Search History

S10	63	(US-20030221975-\$ or US-20030042152-\$ or US-20020195338-\$ or US-20020104758-\$ or US-20020000376-\$ or US-20010025789-\$ or US-20010025788-\$ or US-20040111868-\$ or US-20040069630-\$ or US-20040069629-\$ or US-20040000479-\$ or US-20030106795-\$ or US-20030062904-\$).did. or (US-6994780-\$ or US-6805782-\$ or US-6740217-\$ or US-6589409-\$ or US-6554983-\$ or US-6205843-\$ or US-6068747-\$ or US-5985118-\$ or US-6254926-\$ or US-5948225-\$).did. or (EP-1298430-\$ or EP-1231465-\$ or EP-809101-\$).did. or (JP-2004271515-\$ or JP-2004245680-\$ or JP-2004239632-\$ or JP-2004205357-\$ or JP-2004157063-\$ or JP-2004151017-\$ or JP-2004132960-\$ or JP-2004117057-\$ or JP-2004093200-\$ or JP-2004093199-\$ or JP-2004053579-\$ or JP-2004037100-\$ or JP-2003177111-\$ or JP-2003156470-\$ or JP-2003149201-\$ or JP-2003107046-\$ or JP-2003090819-\$ or JP-2003083936-\$ or JP-2002328112-\$ or JP-2002310987-\$ or JP-2002022700-\$ or JP-2001343358-\$ or JP-2001343357-\$ or JP-2001330586-\$ or JP-2001153840-\$ or JP-2001141696-\$).did. or (JP-2001074692-\$ or JP-2001066289-\$ or JP-2000214130-\$ or JP-2000088800-\$ or JP-11237366-\$ or JP-11153577-\$ or JP-11083793-\$ or JP-10282053-\$ or JP-10253585-\$ or JP-10104200-\$ or JP-09292363-\$). did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/11 10:01
S11	1	S10 and ((Rh or rhodium or rhodium) with (inactive adj electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 10:57

## EAST Search History

S12	1952	204/424-429.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 10:58
S15	0	S14 and ((Rh or rhodium or rhodium) with (inactive adj electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 11:01
S14	978	204/412.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 11:01
S13	6	S12 and ((Rh or rhodium or rhodium) with (inactive adj electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 11:01
S18	526	204/431.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 11:02
S17	0	S16 and ((Rh or rhodium or rhodium) with (inactive adj electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 11:02
S16	925	204/409-411.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 11:02
S19	1	S18 and ((Rh or rhodium or rhodium) with (inactive adj electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 11:04
S21	0	((noble adj metal) with (inactive adj electrode)) and (gas adj sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 11:11
S23	1	((noble adj metal) with (\$2active adj electrode)) and (gas adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 12:44
S22	277	((noble adj metal) with electrode) and (gas adj sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 12:44
S20	7	((Rh or rhodium or rhodium) with (inactive adj electrode)) and (gas adj sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 12:54
S24	8	((Rh or rhodium or rhodium) with (inactive adj electrode)) and (gas adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 12:58
S26	42672	"gas sensor" "oxygen sensor" ("O.sub.2" adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 13:20
S27	7	("gas sensor" "oxygen sensor" ("O.sub.2" adj sensor)) and (sensor adj cell) and (active adj electrode) and (reference adj electrode) and (solid adj1 electrolyte)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 13:26

## EAST Search History

S28	1	("gas sensor" "oxygen sensor" ("O. sub.2" adj sensor)"oxygen monitor cell" "pump\$3 cell") and (sensor adj cell) and (active adj electrode) and (reference adj electrode) and (solid adj1 electrolyte) and (electrochemical adj cell) and (electrode adj material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 13:28
S25	15	((Rh or rhodium or rhodium) with (\$2active adj electrode)) and (gas adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 13:42
S29	113	((Rh or rhodium or rhodium) with electrode) same (gas adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:04
S30	148	((Rh or rhodium or rhodium) same electrode) same (gas adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:05
S31	1	"6303075"	USPAT	OR	ON	2006/08/14 08:20
S32	327	"outer percentage"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/14 10:13
S33	682	((gold silver copper lead Au Ag Cu Pb) same (rhodium rhodium Rh)) and "gas sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/14 10:16
S34	337	((((gold silver copper lead Au Ag Cu Pb) with (rhodium rhodium Rh)) same electrode) and "gas sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/14 14:26
S36	1	"6994780"	USPAT	OR	ON	2006/08/14 15:33
S35	5	(solid adj electrolyte) and "gas sensor" and (rhodium or rh) with electrode with (copper or Cu) with (silver or Ag) with (gold or Au) with (lead or Pb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/14 15:33
S37	104	"6071393" "6274016" "5672811" "4655892" "6579435" "7037415" "6635162" "6368479" "4795544"	USPAT	OR	ON	2006/08/15 07:37
S38	9	(US-6071393-\$ or US-6635162-\$ or US-4795544-\$ or US-4655892-\$ or US-5672811-\$ or US-6274016-\$ or US-6368479-\$ or US-6579435-\$ or US-7037415-\$).did.	USPAT	OR	ON	2006/08/15 07:44

## EAST Search History

S39	9	S38 and ((gold Au silver Ag copper Cu lead Pb rhodium rhodium Rh) same electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 09:53
S40	1	"5714046" and ((gold Au silver Ag copper Cu lead Pb rhodium rhodium Rh) same electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 09:59
S41	21	"5866799" and ((gold Au silver Ag copper Cu lead Pb rhodium rhodium Rh) same electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 10:23
S42	32	Kato-Nobuhide.in. and Nakagaki-Kunihiko.in. and ((gold Au silver Ag copper Cu lead Pb and (rhodium rhodium Rh)) same electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 10:29
S43	23	Kato-Nobuhide.in. and Nakagaki-Kunihiko.in. and ((gold Au silver Ag copper Cu lead Pb) same electrode) and ((rhodium rhodium Rh) same electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 10:43
S44	2245	(Rh or rhodium or rhodium) near3 percent\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 10:48
S45	18	"gas sensor" and ((Rh or rhodium or rhodium) near3 percent\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 10:49
S47	1	(US-6071393-\$).did.	USPAT	OR	ON	2006/08/15 12:34
S51	1	(US-6274016-\$).did. and (reference adj electrode)	USPAT	OR	ON	2006/08/16 08:25
S50	1	(US-6274016-\$).did. and ("gas sensor" or (gas near chamber) or (gas near cavity) or "sensor cell" or "electrochemical cell")	USPAT	OR	ON	2006/08/16 08:25
S52	1	(US-6071393-\$).did. and (reference adj electrode)	USPAT	OR	ON	2006/08/16 08:26
S49	1	(US-6071393-\$).did. and ("gas sensor" or (gas near chamber) or (gas near cavity) or "sensor cell" or "electrochemical cell")	USPAT	OR	ON	2006/08/16 08:26
S53	2859	((204/424-429) or (205/783.5-785) or (73/23.31-23.32)).cccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 09:56
S55	34	S53 and ((rh or rhodium) with ((heat adj resist\$5) or melt\$5))	US-PGPUB; USPAT	OR	ON	2006/08/17 09:58
S57	915	S53 and (nox or "no.sub.x" or (nitrogen adj (oxide or dioxide)))	US-PGPUB; USPAT	OR	ON	2006/08/17 09:59
S60	52	S59 and ((gold or au) with (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/08/17 10:37
S59	915	S58 and (nox or "no.sub.x" or (nitrogen adj (oxide or dioxide)))	US-PGPUB; USPAT	OR	ON	2006/08/17 10:37

## EAST Search History

S58	2859	((204/424-429) or (205/783.5-785) or (73/23.31-23.32)), ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 10:37
S2	28	"5866799"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 10:37
S61	19	S59 and ((gold or au) with pb)	US-PGPUB; USPAT	OR	ON	2006/08/17 11:39
S63	47	S59 and kato-nobuhide.in.	US-PGPUB; USPAT	OR	ON	2006/08/17 12:49
S62	70	S59 and pb	US-PGPUB; USPAT	OR	ON	2006/08/17 12:49